

SAILING DIRECTIONS CORRECTIONS

PUB 154 8 Ed 2002 LAST NM 42/03

Page 80—Line 31/R; insert after:

The Powell River Floating Breakwater has been reconfigured to have its entrance at the S end, and is lighted on both sides of the opening.

(US NM 43/03) 47/03

PUB 163 8 Ed 2002 LAST NM 43/03

Page 14—Lines 44 to 55/R; read:

Pulau Ritan, 137m high, is located 5.8 miles S of Pulau Lintang. It is surrounded by a reef that projects 0.5 mile E from its N part. An islet, 85m high, stands on the E edge of this reef. A conspicuous white rock, 12.2m high, lies on the reef off the W side of Pulau Ritan. A reef extends 0.5 mile S of the S extremity of the island.

An islet, 61m high, which has an extensive reef extending 0.5 mile from its W through N to NE sides, is located 1.3 miles NE of Pulau Ritan. A light, which has an elevation of 17m, has been established on the islet.

A flat rock, 9.1m high, marks the extremity of the reef extending from its W side. Brownrigg Rock, with a least depth of 3.6m, lies 2.5 miles NE of Pulau Ritan.

(28(200)03 Jakarta) 47/03

PUB 172 9 Ed 2001 LAST NM 46/03

Page 165—Lines 42 to 47/L; read:

Qalhat LNG Terminal (22°41'N., 59°24'E.) (World Port Index No. 48240) is situated about 1.4 miles SE of the village. The terminal consists of two T-shaped jetties extending about 0.2 mile from shore in a semi-protected bay open to the sea.

Winds—Weather.—The terminal is sheltered, by the mountains to the S, from the strong winds of the Southwest Monsoon during the summer (June to September). During the remainder of the year, the terminal is exposed to the Northeast Monsoon.

Depths—Limitations.—The LNG Jetty can accommodate vessels up to 125,845 dwt, with a maximum length of 310m and a maximum draft of 12.1m.

The MOF Condensate Jetty can accommodate vessels up to 13,000 dwt, with a maximum length of 140m and a maximum draft of 7.7m. An underkeel clearance of 2m is required to be maintained at all times.

Aspect.—A conspicuous flare, 106m in height, is located in the terminal.

Pilotage.—Pilotage is compulsory for all vessels using the terminal. The pilot boards in position 22°43.0'N, 59°27.5'E. Berthing and unberthing can be done 24 hours.

Regulations.—Vessels must send their ETA when departing their previous port. The ETA should also be sent 96 hours, 48 hours, 24 hours, and 5 hours prior to arrival. Any changes to the vessel's ETA should be sent, as follows:

1. A change of more than 12 hours from the initial ETA sent from the departure port.

2. A change of more than 6 hours following the 96-hour message and before the 24-hour message.

3. A change of more than 2 hours following the 24-hour message.

Anchorage.—Anchorage can be obtained about 2 miles E of the LNG Jetty, in a bottom of mud, sand, and shingle. Permission from the terminal is required to anchor.

Caution.—Fishing activity, mainly during the hours of darkness, occurs in the approaches to the terminal. Drift nets in excess of 1,000m long are used; both the nets and the fishing boats setting them are poorly lit. Because of this, approaching and departing the terminal should be made with caution, preferably maintaining a NE or SW course, as appropriate, until well clear of the coast.

(BA NP 286(3); US NM 13/02, Section II) 47/03

Page 167—Line 56/L; read:

over 150 nrt and is available 24 hours. Pilots can be contacted on VHF channel 14 and board

(BA NP 286(3)) 47/03

Page 167—Line 2/R; read:

then contact Port Control 3 hours before arrival on VHF channel 14 or 16.

(BA NP 286(3)) 47/03

Page 167—Line 57/R; read:

contacted on VHF channel 12 and board about 1.5 miles NE of Jazirat al

(BA NP 286(3)) 47/03

Page 168—Lines 5 to 6/L; read:

PETROMAR MUSCAT by telex or fax. Any change in excess of 2 hours must also be sent.

(BA NP 286(3)) 47/03

Page 168—Line 26/L; insert after:

15. Bow to manifold distance in meters.

16. Statement from master stating all lifting gear to be used is in good working order, with up-to-date certifications.

17. Whether any maintenance or repairs planned in the anchorage.

18. Vessel's nrt.

19. Maximum hydrogen sulfide levels in vessel's cargo tanks.

(BA NP 286(3); PUBS 017-03) 47/03

Page 168—Line 30/L; read:

provided UHF radio, with VHF channel 12 for back-up.

(BA NP 286(3)) 47/03

PUB 172 (Continued)

Page 179—Line 33/L; insert after:

Iranian Ports and Shipping Organization Home Page
<http://www.ir-psy.com>

(BA NP 286(3)) 47/03

Page 190—Lines 16 to 17/R; read:

Pilotage.—Pilotage is compulsory and is available 24 hours. The pilot boards 2 miles E of the terminal.

Regulations.—The vessel's ETA should
 (BA NP 286(3)) 47/03

Page 192—Line 47/L; insert after:

Iranian Ports and Shipping Organization Home Page
<http://www.ir-psy.com>

(BA NP 286(3)) 47/03

Page 199—Lines 17 to 19/R; read:

hours prior to arrival through Bandar-e Abbas Coast Radio Station. The message should include cargo,

(BA NP 286(3)) 47/03

Page 223—Lines 31 to 33/R; read:

Regulations.—Vessels are required to radio their ETA at Jazirat Halul, plus select information, at least 72 hours in advance, confirming 24 hours prior to arrival. The ETA should also be confirmed 4 hours in advance on VHF channel 16 through Halul Radio. The vessel's ETA message should include

(BA NP 286(3)) 47/03

Page 224—Lines 40 to 41/R; read:
 chart.

Al Rayyan Oil Field (26°39'N., 51°33'E.), about 22 miles WNW of Al Shaheen Oil Field and Terminal, consists of a production platform and floating storage tanker. Vessels send their ETA 72 hours, 48 hours, and 24 hours in advance. Pilotage is available; pilots board about 2 miles NE of the terminal.

Between Ras Laffan and Ras Rakan, about 24 miles NW,
 (BA NP 286(3)) 47/03

Page 231—Lines 41/L to 25/R; read:

Pilotage

Pilotage is compulsory for vessels over 250 grt intending to transit the entrance channel to Khawr Al Qulayah.

Vessels between 250 and 1,500 grt may be given permission to proceed without a pilot according to the circumstances prevailing at the time.

Bahrain Pilots provides pilotage for all vessels bound for Khawr al Qulayah, as well as the GIIC Terminal, the Alba Jetty, and the BAPCO Terminal.

ASRY Pilots provides pilotage for vessels bound the ASRY Drydock.

Both pilotage authorities coordinate their activities through Bahrain Port Control.

Vessels should send their ETA to the pilot 24 hours and 12 hours prior to arrival.

Pilots board 0.3 mile SE of Sitrah Lighted Buoy, except for the BAPCO Terminal; pilots for this facility board at the anchorage.

Regulations

GIIC Terminal.—Vessels should send their ETA at least 72 hours in advance, via Bahrain (A9M), including the following information:

1. Last three ports of call.
2. Arrival drafts, fore and aft, and berthing displacement.
3. State of readiness to berth/unload.

When within VHF range, vessels should establish contact on VHF channel 68 with Bahrain Port Control and the BAPCO Terminal to obtain the latest movement schedule from Bahrain Pilots.

BAPCO Terminal (Bahrain Petroleum Company BSC Terminal).—Vessels should send their ETA, draft, and bunker fuel requirements 48 hours in advance through Bahrain (A9M). When within VHF range and when at anchor, vessels should maintain a continuous listening watch on VHF channel 16 and 74. The BAPCO terminal can be contacted by e-mail, as follows:

info@bapco.net

ASRY Drydock.—Vessels should send their ETA at least 72 hours in advance, via Bahrain (A9M), including the following information:

1. Last three ports of call.
2. Arrival drafts, fore and aft, and berthing displacement.
3. State of readiness to berth/unload.
4. Whether vessel is gas free and ready to berth.
5. Whether vessel requires tank cleaning.

When within VHF range, vessels should establish contact on VHF channel 16 with the ASRY Drydock.

Alba Jetty (Aluminum Bahrain).—Vessels should send their ETA at least 72 hours in advance, via Bahrain (A9M), including the following information:

1. Last three ports of call.
2. Arrival drafts, fore and aft, and berthing displacement.
3. State of readiness to berth/unload.
4. Bunker requirements.

When within VHF range, vessels should establish contact with Bahrain Port Control and the BAPCO Terminal on VHF channel 8 to obtain the latest movement schedule from Bahrain Pilots. When alongside, vessels communicate with the wharf staff on VHF channel 8

Vessel Traffic Management System.—A Vessel Traffic Management System is in operation in the approaches to the

PUB 172 (Continued)

port, including the Deepwater Fairway and the Northeast Approach Channel.

Inbound vessels over 50 grt should contact Bahrain Port Control Operations, as follows:

1. Vessels should radio their ETA at Sitrah Lighted Buoy (26°11'N., 50°43'E.), with draft and details of any deficiencies in vessel handling or seaworthiness, when within VHF range.
2. Vessels using Deepwater Fairway should request permission to proceed past Lighted Buoy No. 3 (26°29'N., 50°57'E.).
3. When passing the charted Reporting Points.
4. Vessels should report their intention to anchor to Port Control in sufficient time for an alternative anchorage to be stipulated.
5. When berthed, moored, or anchored.

Outbound vessels over 50 grt should contact Bahrain Port Control Operations, as follows:

1. Vessels should contact Port Control 15 minutes before, and immediately prior to, getting underway.
2. When passing the charted Reporting Points.
3. Vessels using Deepwater Fairway should request permission to proceed past Bahrain Approach Lighted Buoy.

All vessels are required to maintain a continuous listening watch on VHF channel 74 when within the port area, including while anchored. Bahrain Port Control should be contacted if the vessel is to shift berth or anchorage and again when the vessel is situated.

Vessels berthing at Sitrah should have their outboard anchor cleared and ready to let go before approaching the dock; however, the anchor should not be let go in the vicinity of the dock, except on the advice of the Mooring Master.

(BA NP 286(3)) 47/03

Page 236—Line 38/R; read:

Regulations.—The vessel's ETA should be sent upon departure from the last
(NIMA) 47/03

Page 237—Line 5/L; insert after:

Details of the vessel's radar equipment are required prior to arrival.

(BA NP 286(3)) 47/03

Page 239—Lines 7 to 10/L; strike out.

(NIMA) 47/03

Page 239—Lines 14 to 16/L; read:

Regulations

(NIMA) 47/03

Page 240—Lines 3 to 7/L; read:

Pilotage.—Pilotage is compulsory for the port. Pilots board by helicopter W of Gharbarah Beacon (26°59.5'N., 50°13.0'E.). The helicopter service operates on VHF channels 11, 12, 13, 14, and 16.

Regulations.—Vessels bound for the port may be in-

structed to anchor at the

(BA NP 286(3)) 47/03

Page 241—Line 45/L; read:

than 150 nrt and is available 24 hours. Pilots may be ordered through Jubayl Port

(BA NP 286(3)) 47/03

Page 243—Lines 52 to 57/R; read:

The mooring master boards at the tanker anchorage N of Berth No. 4.

Regulations.—The vessel's ETA should be sent 72 hours and 6 hours in advance. The terminal can be contacted by e-mail, as follows:

tmd@agoc-aoc.sa

Vessels should confirm the ETA before arrival, inform Port Control of the time of anchoring, and maintain a continuous listening watch on VHF channel 16.

(BA NP 286(3)) 47/03

Page 244—Line 31/L; read:

The terminal can be contacted by e-mail, as follows:

deranar@texaco.com

(BA NP 286(3)) 47/03

Page 246—Lines 28 to 32/L; read:

Regulations.—Weather permitting, ships are berthed day or night and may depart at any time. The vessel's ETA should be sent 72 hours, 48 hours, 24 hours, and 12 hours in advance through the agent.

Every ship entering and departing port

(BA NP 286(3)) 47/03

Page 247—Lines 11 to 22/L; read:

Pilotage.—Pilotage is compulsory and is available 24 hours. Pilots board from a white launch about 1.5 miles E of the Petroleum Products Pier. Tugs come alongside after the pilot boards and secure on the offshore side.

Regulations.—Ships berth heading into the current. Vessels over 198m in length berth/unberth during daylight hours only.

Vessels send their ETA, vessel details, and cargo details 72 hours and 36 hours in advance. The confirmation of the ETA should be sent 12 hours in advance.

Vessels carrying explosives or dangerous cargo must declare quantities and categories of same when they report their ETA.

The National Flag of Kuwait must be

(BA NP 286(3)) 47/03

Page 250—Lines 8 to 10/R; read:

channel. The vessel's ETA should be sent 24 hours before

PUB 172 (Continued)

arrival, along with the following information:

(BA NP 286(3)) 47/03

Page 250—Line 33/R; insert after:

Vessels should maintain a continuous listening watch on VHF channel 16 when approaching Ras al Ard (29°21'N., 48°06'E.) from seaward. Vessels at anchor awaiting berthing instructions should listen on VHF channel 16, as follows:

- a. 0400 to 0600.
- b. 0800 to 1100.
- c. 1600 to 1800.

(BA NP 286(3)) 47/03

Page 256—Line 30/L; insert after:

Iranian Ports and Shipping Organization Home Page
<http://www.ir-pso.com>

(BA NP 286(3)) 47/03

Page 260—Line 59/R; insert after:

Iranian Ports and Shipping Organization Home Page
<http://www.ir-pso.com>

(BA NP 286(3)) 47/03

Page 261—Line 11/R; read:

Regulations.—The Quarantine Medical Officer boards ships on arrival off

(NIMA) 47/03

PUB 175 7 Ed 2001 LAST NM 43/03

Page 49—Line 49/L; insert after:

Directions.—The port is marked by a leading line bearing 045.2°.

(18(598)03 Wollongong) 47/03

PUB 180 3 Ed 2002 LAST NM 44/03

Page 113 to Page 116; replace with below:

New pages 113, 114, 115, 116, 116A, 116B, and 116C from back of this Subsection.

(BA NP 10, Supp. 7/02; BA NP 72, Supp. 2/02; BA NM 39/03, Section IV) 47/03

Page 117—Line 7/L; insert after:

Area No. 8.—Between Reka Voryema and Guba Pechenga—Lies within an area bounded by lines joining:

- a. 69°47.2'N, 30°51.1'E.
- b. 69°50.6'N, 30°52.1'E.
- c. 69°50.6'N, 31°09.6'E.
- d. 69°48.7'N, 31°22.8'E.
- e. 69°44.0'N, 31°36.5'E.
- f. 69°40.5'N, 31°36.1'E.

Area No. 6.—When entering Guba Bolshaya Volokovaya—Lies within an area bounded by lines joining:

- a. 69°50.3'N, 31°50.8'E.
- b. 69°53.7'N, 31°50.8'E.
- c. 69°55.2'N, 31°44.3'E.
- d. 69°50.3'N, 31°44.3'E.

Area No. 4.—Along the N coast of Poluostrov Rybachiy—Lies within an area bounded by lines joining:

- a. 69°48.4'N, 32°40.6'E.
- b. 69°49.2'N, 32°45.1'E.
- c. 69°56.3'N, 32°20.1'E.
- d. 69°59.0'N, 32°03.3'E.
- e. 69°59.0'N, 31°59.0'E.
- f. 69°57.7'N, 31°57.4'E.
- g. 69°57.1'N, 32°04.1'E.
- h. 69°53.2'N, 32°20.9'E.

(BA NP 72, Supp. 2/02) 47/03

Page 117—Lines 41 to 44/L; read:

- a. 66°59.9'N, 41°45.0'E.
- b. 66°59.9'N, 42°19.9'E.
- c. 66°49.9'N, 42°19.9'E.
- d. 66°49.9'N, 41°45.0'E.

(BA NP 72) 47/03

Page 118—Lines 12 to 26/R; read:

Area No. 53.—Bolshaya Srednyaya Koshka—Lies within an area bounded by lines joining:

- a. 66°59.9'N, 41°48.2'E.
- b. 67°02.9'N, 43°29.4'E.
- c. 67°14.9'N, 43°33.4'E.
- d. 67°12.1'N, 42°00.0'E.

Area No. 70.—Bartents Sea—Ostrov Novaya Zemlya—Guba Belushya—Lies within an area bounded on the E and W by the coastline and by lines joining:

- a. 71°30.1'N, 52°14.2'E.
- b. 71°31.0'N, 52°13.8'E.
- c. 71°31.0'N, 52°20.2'E.
- d. 71°28.8'N, 52°23.8'E.
- e. 71°27.1'N, 52°21.5'E.
- f. 71°26.7'N, 52°19.3'E.
- g. 71°21.7'N, 52°18.1'E.

Area No. 58.—Barents Sea—West part of Proliv Shar—Lies within an area bounded on the E by the meridian of 54°16.9'E, by the coastline of the strait, and by lines joining:

- a. 73°16.9'N, 53°47.6'E.
- b. 73°18.6'N, 53°47.6'E.
- c. 73°21.6'N, 53°55.8'E.
- d. 73°21.6'N, 54°04.4'E.

Area No. 63.—Kara Sea—East part of Proliv Yugorskiy Shara—Lies within an area bounded by lines joining:

- a. 69°47.9'N, 60°34.2'E.
- b. 69°47.9'N, 60°39.6'E.
- c. 69°41.4'N, 60°35.7'E.
- d. 69°41.4'N, 60°34.1'E.
- e. 69°42.1'N, 60°30.6'E.

PUB 180 (Continued)

Area No. 73.—Kara Sea—Approaches to Amderma Roadstead—Lies within an area bounded by lines joining:

- a. 69°51.6'N, 61°06.6'E.
- b. 69°52.4'N, 61°06.6'E.
- c. 69°52.4'N, 61°51.1'E.
- d. 69°44.9'N, 61°51.1'E. and continuing along the coastline to Mys Tonkiy, including Proliv Morozova.

Area No. 72.—Kara Sea—N part of Obskaya Guba—Lies within an area bounded by the shore and boundary lines, as follows:

1. North boundary—A line joining Mys Drovyanoy Obskiy, Mys Shuberta (Ostrov Belyy), and Ostrov Sholkalskiy (73°01'N., 74°07'E.).
2. East boundary—The coastline.
3. South boundary—The parallel of 72°12'N.
4. West boundary—The coastline.

Area No. 65A.—Kara Sea—North of Ostrov Dikson—Lies within an area bounded by the coastline between the extremities of Mys Kregatnik and Mys Neonovvy and lines joining:

- a. 73°31.1'N, 80°27.8'E.
- b. 73°30.9'N, 80°31.0'E.
- c. 73°31.9'N, 80°32.2'E.
- d. 73°34.2'N, 80°25.2'E.
- e. 73°34.2'N, 80°16.1'E.
- f. 73°32.1'N, 80°16.1'E.

Area No. 65B.—Kara Sea—South of Ostrov Dikson—Lies within an area bounded by lines joining:

- a. 73°28.6'N, 80°32.3'E.
- b. 73°28.6'N, 80°13.5'E.
- c. 73°25.0'N, 80°13.5'E.
- d. 73°25.0'N, 80°39.5'E.

Area No. 71.—Kara Sea—Yeniseyskiy Zaliv—West of Ostrov Krestovskiy—Lies within an area bounded by lines joining:

- a. 72°22.5'N, 80°22.7'E.
- b. 72°27.3'N, 80°13.3'E.
- c. 72°29.6'N, 80°13.3'E.
- d. 72°29.6'N, 80°34.3'E.
- e. 72°23.7'N, 80°45.3'E.
- f. 72°22.5'N, 80°45.3'E.

(BA NP 10, Supp. 7/02)

47/03

COAST PILOT CORRECTIONS

**COAST PILOT 4 35 Ed 2003 Change No. 17
LAST NM 46/03**

Page 137—Paragraph 1980, line 2; read:

operating procedures are set forth in Part 161 of this chapter.

§164.46 Automatic Identification System (AIS).

(a) The following vessels must have a properly installed, operational, type approved AIS as of the date specified:

- (1) Self-propelled vessels of 65 feet or more in length, other than passenger and fishing vessels, in commercial

service and on an international voyage, not later than December 31, 2004.

(2) Notwithstanding paragraph (a)(1) of this section, the following, self-propelled vessels, that are on an international voyage must also comply with SOLAS, as amended, Chapter V, regulation 19.2.1.6, 19.2.4, and 19.2.3.5 or 19.2.5.1 as appropriate (Incorporated by reference, see §164.03):

(i) Passenger vessels, of 150 gross tonnage or more, not later than July 1, 2003;

(ii) Tankers, regardless of tonnage, not later than the first safety survey for safety equipment on or after July 1, 2003;

(iii) Vessels, other than passenger vessels or tankers, of 50,000 gross tonnage or more, not later than July 1, 2004; and

(iv) Vessels, other than passenger vessels or tankers, of 300 gross tonnage or more than 50,000 gross tonnage, not later than the first safety survey for safety equipment on or after July 1, 2004, but no later than December 31, 2004.

(3) Notwithstanding paragraphs (a)(1) and (a)(2) of this section, the following vessels, when navigating an area denoted in table 161.12(c) of §161.12 of this chapter, not later than December 31, 2004:

(i) Self-propelled vessels of 65 feet or more in length, other than fishing vessel and passenger vessels certificated to carry less than 151 passengers-for-hire, in commercial service;

(ii) Towing vessels of 26 feet or more in length and more than 600 horsepower, in commercial service;

(iii) Passenger vessels certificated to carry more than 150 passengers-for-hire.

Note to §164.46(a): “Properly installed” refers to an installation using the guidelines set forth in IMO SN/Circ. 227 (incorporated by reference, see §164.03). Not all AIS units are able to broadcast position, course, and speed without the input of an external positioning device (e.g. dGPS); the use of other external devices (e.g. transmitting heading device, gyro, rate of turn indicator) is highly recommended, however, not required except as stated in §164.46(a)(2). “Type approved” refers to an approval by an IMO recognized Administration as to comply with IMO Resolution MSC.74(69), ITU-R Recommendation M.1371-1, and IEC 61993-2 (Incorporated by reference, see §164.03). “Length” refers to “registered length” as defined in 46 CFR part 69. “Gross tonnage” refers to tonnage as defined under the International Convention on Tonnage Measurement of Ships, 1969.

(b) The requirements for Vessel Bridge-to-Bridge radio-telephones in §§26.04(a) and (c), 26.05, 26.06 and 26.07 of this chapter, also apply to AIS. The term “effective operating condition” used in §26.06 of this chapter includes accurate input and upkeep of AIS data fields.

(c) The use of a portable AIS is permissible only to the extent that electromagnetic interference does not affect the proper function of existing navigation and communication equipment on board and such that only one AIS unit may be in operation at any one time.

(d) The AIS Pilot Plug, on each vessel over 1,600 gross

COAST PILOT 4 (Continued)

tons, on an international voyage, must be available for pilot use, easily accessible from the primary conning position of the vessel, and near a 120 Volt, AC power, 3-prong receptacle.

(FR 10/22/03)

47/03

Page 274—Paragraph 20, lines 7 to 13; read:

In May 2003, the controlling depths were 8.3 feet (9.6 feet at midchannel) in the entrance channel to the safety area and 8.3 feet in the basin inside Lake Rudee entrance jetties, except for lesser depths along the south and west edges. In July 2002, natural depths of 5.4 to 7 feet were in the safety area and in the short channel to the narrow jettied entrance to Lake Rudee. Rudee Inlet is marked by buoys, a light and ...

(BPs 181707-08; CL 1580/03)

47/03

Page 292—Paragraph 263, line 6; read:

reported depths of 4.6 feet or more in June 2003 for about 1.5 miles above the entrance; thence in 1983, reported depths of 5 feet or more to **Lees Landing** ...

(DB 2319)

47/03

Page 320—Paragraph 13, lines 9 to 12; read:

March 2003, the reported midchannel controlling depths were 6.6 feet from the Intracoastal Waterway to Lockwoods Folly River Daybeacon 16, thence 4.2 feet to Supply. The river ...

(DB 2323)

47/03

Russia

113

Appendix I

RUSSIAN FEDERATION REGULATED AREAS

The numbers given to the areas and their limits are those promulgated in Russian Federation Notices to Mariners and the positions are referred to the Russian Federation chart datums.

Areas Prohibited for Navigation

Area No. 3. North coast of Poluostrov Rybachiy. Lies within an area enclosed by the shore and lines joining:

- a. 69°53.0'N, 32°20.0'E.
- b. 69°54.4'N, 32°24.9'E.
- c. 69°50.0'N, 32°48.0'E.
- d. 69°47.0'N, 32°45.0'E.

Area No. 7. North coast of Poluostrov Rybachiy. Lies within an area bounded by lines joining:

- a. 69°41.5'N, 33°06.5'E.
- b. 69°39.3'N, 33°19.3'E.
- c. 69°33.2'N, 33°17.3'E.
- d. 69°35.0'N, 32°57.5'E.

Area No. 9. South of Mys Gerodetskiy. Lies within an area bounded by lines joining:

- a. 69°29.9'N, 32°42.0'E.
- b. 69°30.9'N, 32°43.0'E.
- c. 69°30.9'N, 32°45.5'E.
- d. 69°29.8'N, 32°53.9'E.
- e. 69°28.6'N, 32°52.6'E.

Area No. 130.—Motovski Zaliv.—Lies within an area bounded by lines joining:

- a. 69°35.0'N, 32°33.0'E.
- b. 69°35.2'N, 32°54.6'E.
- c. 69°30.6'N, 32°53.0'E.
- d. 69°33.6'N, 32°31.4'E.

Area No. 11.—Guba Zapadnaya Litsa.—Lies within an area S of lines joining:

- a. 69°30.4'N, 32°29.8'E.
- b. 69°30.2'N, 32°33.2'E.
- c. 69°29.1'N, 32°33.3'E.

Area No. 12.—Guba Zapadnaya Litsa.—Lies within an area S of lines joining:

- a. 69°27.8'N, 32°54.2'E.
- b. 69°27.6'N, 32°56.1'E.
- c. 69°27.6'N, 32°56.6'E.
- d. 69°27.1'N, 32°58.0'E.

Area No. 13.—Guba Zapadnaya Litsa.—South of a line joining Mys Vyev Navolok (W arm) and W of 33°04.5'E (E arm).

Area No. 131.—Guba Zelenetskaya Zapadnaya.—Lies within an area S of a line joining:

- a. 69°16.9'N, 33°42.7'E.
- b. 69°16.9'N, 33°43.4'E.

Area No. 27.—Guba Delgaa Zapadnaya—Along the line joining Mys Chernyy (69°18.6'N, 33°49.7'E.) and Mys Dolgiy (69°17.9'N, 33°48.2'E.).

Area No. 125.—West of Ostrov Kil'din—Lies within an area bounded by lines joining:

- a. 69°20.7'N, 33°46.0'E.
- b. 69°21.6'N, 33°46.0'E.
- c. 69°24.0'N, 33°53.5'E.
- d. 69°20.7'N, 33°53.5'E.

Area No. 16. Protiv Kuvshinskaya Salma (69°18.0'N, 33°24.6'E.)

Area No. 18. West of line joining Ostrov Sedlovatyy (69°15.4'N, 33°28.8'E.) and Bolshoy Oleniy (69°13.8'N, 33°29.3'E.)

Area No. 19. Yekaterinskaya Gavan (69°12.3'N, 33°29.3'E.)

Area No. 20.—East of Mys Shurinov—Lies within an area enclosed by the shore and lines joining:

- a. 69°10.8'N, 33°28.8'E.
- b. 69°10.8'N, 33°31.4'E.
- c. 69°10.1'N, 33°31.4'E.
- d. 69°09.4'N, 33°29.9'E.
- e. 69°09.4'N, 33°29.0'E.

Area No. 21.—Guba Vayenga—Lies within an area enclosed by the shore and lines joining:

- a. 69°07.0'N, 33°27.4'E.
- b. 69°06.4'N, 33°25.0'E.
- c. 69°05.4'N, 33°22.1'E.
- d. 69°04.8'N, 33°21.4'E.

Area No. 23.—Guba Chalpushka (69°03.7'N, 33°14.3'E.) and Guba Roslyakova (69°03.5'N, 33°12.3'E.)

Area No. 25.—Southwest of Mys Pinagoriy—Lies within an area enclosed by the shore and lines joining:

- a. 69°02.5'N, 33°04.4'E.
- b. 69°02.5'N, 33°04.0'E.
- c. 69°03.7'N, 33°04.3'E.
- d. 69°03.2'N, 33°05.4'E.
- e. 69°03.1'N, 33°05.5'E.

Area No. 31.—Approaches to Lumbovski Zaliv—Lies within an area enclosed by the shore and lines joining:

- a. 67°54.7'N, 40°15.5'E.
- b. 68°00.0'N, 40°27.6'E.
- c. 67°48.7'N, 41°02.7'E.
- d. 67°43.0'N, 40°50.0'E.

Area No. 128.—Guba Savikha—Lies within an area bounded by lines joining:

- a. 68°19.7'N, 39°06.3'E.
- b. 68°21.0'N, 39°08.3'E.
- c. 68°18.3'N, 39°17.5'E.
- d. 68°17.1'N, 39°14.9'E.

Area No. 126.—Svyatonoskiy Zaliv—Lies within an area bounded by lines joining:

- a. 68°05.4'N, 39°25.3'E.
- b. 68°05.8'N, 39°26.3'E.
- c. 68°04.0'N, 39°31.6'E.
- d. 68°17.1'N, 39°30.6'E.

Area No. 129. South of Ostrov Salnyy—Lies within an area bounded by lines joining:

- a. 68°03.8'N, 39°32.9'E.
- b. 68°03.6'N, 39°33.5'E.
- c. 68°03.5'N, 39°33.2'E.
- d. 68°03.7'N, 39°32.6'E.

Area No. 38. Dvinsky Zaliv—Lies within an area enclosed by the shore and lines joining:

- a. 65°06.3'N, 37°22.0'E.
- b. 65°11.3'N, 37°33.5'E.
- c. 65°05.0'N, 37°49.5'E.
- d. 65°01.5'N, 37°41.4'E.

Area No. 41.—Dvinsky Zaliv—Port Arkhangel'sk—Lies within an area enclosed by the shore and lines joining:

- a. 64°31.1'N, 40°33.4'E.
- b. 64°31.2'N, 40°33.6'E.
- c. 64°31.1'N, 40°33.8'E.
- d. 64°31.1'N, 40°34.0'E.

Area No. 184.—North of Ostrov Zhizhginshy—Lies within an area bounded by lines joining:

- a. 65°50'N, 36°54'E.
- b. 65°45'N, 36°44'E.
- c. 65°48'N, 36°29'E.
- d. 65°54'N, 36°40'E.

Area No. 186.—Dvinsky Zaliv—Lies within an area enclosed by the shore and lines joining:

- a. 64°38.1'N, 39°48.1'E.
- b. 64°40.1'N, 39°34.4'E.
- c. 64°32.7'N, 39°34.4'E.

Area No. 32.—Kandalakshskiy Zaliv—Lies within an area enclosed by the shore and lines joining:

- a. 66°32.4'N, 34°32.1'E.
- b. 66°29.1'N, 34°27.2'E.
- c. 66°33.8'N, 34°04.4'E.
- d. 66°36.4'N, 34°08.3'E.
- e. 66°37.8'N, 34°22.8'E.

Area No. 33.—Lies within an area bounded by lines joining:

- a. 66°30.1'N, 33°45.8'E.
- b. 66°33.7'N, 33°49.8'E.
- c. 66°26.0'N, 34°35.4'E.
- d. 66°22.4'N, 34°31.8'E.

Area No. 34.—Lies within an area bounded by lines joining:

- a. 66°35.0'N, 33°59.0'E.
- b. 66°38.4'N, 34°04.0'E.
- c. 66°38.7'N, 33°51.8'E.
- d. 66°37.7'N, 33°50.4'E.

Area No. 42.—Barents Sea—Ostrov Novaya Zemlya—Zaliv Mollera—Lies within an area enclosed by the shore and lines joining:

- a. 71°38'N, 51°34'E.
- b. 71°35'N, 51°00'E.
- c. 72°05'N, 51°00'E.
- d. 72°44'N, 51°45'E.
- e. 72°43'N, 52°25'E.

Area No. 43. Barents Sea—Ostrov Novaya Zemlya—Guba Belushya—Lies within an area enclosed by the shore and lines joining:

On the W:

- a. 73°21.4'N, 54°04.3'E. (Mys Serebryanyy)
- b. 73°17.6'N, 53°56.3'E. (Mys Atalbovoy)

On the E:

- a. 73°14.1'N, 56°44.9'E. (Mys Vylkhdnoy)
- b. 73°09.3'N, 56°34.0'E. (Mys Rok)

Kara Sea—Reka Yenisey—Northwest of Port Dudinka—Lies within an area bounded by lines joining:

- a. 69°25.4'N, 86°07.9'E.
- b. 69°25.6'N, 86°07.7'E.
- c. 69°25.7'N, 86°08.2'E.
- d. 69°25.5'N, 86°08.4'E.

Areas Prohibited for Anchoring, Fishing, Dredging, Underwater Explosions, and Navigating with Trailing Anchor

Area No. 44.—Entering Guba Peclenga—Lies within an area enclosed by the shore and lines joining:

- a. 69°41.7'N, 31°26.2'E.
- b. 69°41.8'N, 31°26.4'E.
- c. 69°41.3'N, 31°29.8'E.
- d. 69°40.8'N, 31°27.8'E.
- e. 69°41.1'N, 31°26.8'E.

Area No. 45.—Guba Peclenga—Lies within an area enclosed by the shore and lines joining:

- a. 69°43.3'N, 31°33.5'E.
- b. 69°41.6'N, 31°33.5'E.
- c. 69°41.5'N, 31°26.7'E.
- d. 69°43.3'N, 31°26.7'E.

Area No. 46.—Guba Malaya Volokovaya—Lies within an area enclosed by the shore and lines joining:

- a. 69°40.7'N, 31°38.0'E.
- b. 69°41.1'N, 31°38.0'E.
- c. 69°40.6'N, 31°40.6'E.
- d. 69°40.8'N, 31°42.2'E.
- e. 69°39.4'N, 31°49.1'E.

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Area No. 47.—Guba Malaya Volokovaya—Lies within an area enclosed by the shore and lines joining:

- a. 69°41.1'N, 31°38.0'E.
- b. 69°41.3'N, 31°29.8'E.
- c. 69°46.0'N, 31°42.0'E.
- d. 69°44.7'N, 31°42.5'E.
- e. 69°40.8'N, 31°33.5'E.
- f. 69°41.1'N, 31°31.3'E.

Area No. 48.—Entering Guba Bolshaya Volokovaya—Lies within an area bounded by lines joining:

- a. 69°50.4'N, 31°47.3'E.
- b. 69°50.2'N, 31°44.6'E.
- c. 69°54.0'N, 31°48.8'E.
- d. 69°53.7'N, 31°51.0'E.

Area No. 49. North of Polucistrov Rybachi—Lies within an area enclosed by the shore and lines joining:

- a. 69°55.3'N, 31°54.4'E.
- b. 69°55.3'N, 31°42.7'E.
- c. 70°01.2'N, 31°42.7'E.
- d. 70°01.2'N, 32°03.5'E.
- e. 69°50.1'N, 33°00.0'E.
- f. 69°45.2'N, 33°00.0'E.

Area No. 50. Guba Skorbyeyskiy—Lies within an area bounded by lines joining:

- a. 69°54.1'N, 32°18.0'E.
- b. 69°54.4'N, 32°20.4'E.
- c. 69°53.8'N, 32°22.7'E.
- d. 69°53.3'N, 32°21.2'E.

Area No. 54.—Guba Laush—Lies within an area enclosed by the shore and lines joining:

- a. 69°45.2'N, 33°00.0'E.
- b. 69°46.1'N, 33°01.5'E.
- c. 69°45.2'N, 33°03.5'E.
- d. 69°44.3'N, 33°02.9'E.
- e. 69°44.4'N, 33°02.2'E.

Area No. 56.—East of Poluoistrov Rybachi—Lies within an area bounded by lines joining:

- a. 69°41.5'N, 33°10.9'E.
- b. 69°42.0'N, 33°08.6'E.
- c. 69°42.9'N, 33°07.1'E.
- d. 69°42.7'N, 33°09.0'E.

Area No. 59.—Southwest of Guba Eyna—Lies within an area enclosed by the shore and lines joining:

- a. 69°37.0'N, 32°23.3'E.
- b. 69°35.5'N, 32°27.5'E.
- c. 69°34.4'N, 32°26.4'E.
- d. 69°36.5'N, 32°09.0'E.
- e. 69°38.2'N, 32°10.5'E.

Area No. 60.—Entering Guba Titovka—Lies within an area bounded by lines joining:

- a. 69°35.6'N, 32°07.3'E.
- b. 69°35.8'N, 32°04.8'E.

- c. 69°35.4'N, 32°02.8'E.
- d. 69°36.7'N, 32°03.4'E.
- e. 69°36.2'N, 32°05.1'E.
- f. 69°36.0'N, 32°07.6'E.

Area No. 61.—Southeast of Mys Pikauev—Lies within an area enclosed by the shore and lines joining:

- a. 69°33.3'N, 32°26.4'E.
- b. 69°32.0'N, 32°33.0'E.
- c. 69°30.2'N, 32°33.2'E.
- d. 69°30.4'N, 32°29.8'E.

Area No. 64. Entering Guba Ara—Lies within an area enclosed by the shore and lines joining:

- a. 69°27.1'N, 32°58.0'E.
- b. 69°27.6'N, 32°56.6'E.
- c. 69°27.6'N, 32°56.1'E.
- d. 69°27.8'N, 32°54.2'E.
- e. 69°28.6'N, 32°55.3'E.
- f. 69°32.2'N, 32°40.7'E.
- g. 69°30.6'N, 32°53.0'E.
- h. 69°31.3'N, 32°53.7'E.
- i. 69°29.4'N, 33°02.5'E.
- j. 69°27.2'N, 33°01.4'E.

Area No. 65. Northeast of Mys Vyev Navolok—Lies within an area enclosed by the shore and lines joining:

- a. 69°27.4'N, 33°03.8'E.
- b. 69°28.5'N, 33°06.0'E.
- c. 69°28.1'N, 33°09.4'E.
- d. 69°26.8'N, 33°06.8'E.
- e. 69°26.8'N, 33°04.7'E.

Area No. 66.—West arm of Guba Ura—Lies within an area enclosed by the shore and lines joining:

- a. 69°23.4'N, 32°59.3'E.
- b. 69°23.4'N, 32°57.4'E.
- c. 69°23.9'N, 32°58.8'E.
- d. 69°23.9'N, 32°00.6'E.

Area No. 67.—Entrance to Kol'skiy Zaliv—Lies within an area bounded by the shore and lines joining:

- a. 69°18.1'N, 33°38.6'E.
- b. 69°18.3'N, 33°35.5'E.
- c. 69°17.8'N, 33°33.3'E.
- d. 69°18.6'N, 33°29.7'E.
- e. 69°23.0'N, 33°29.7'E.
- f. 69°20.2'N, 33°49.2'E.
- g. 69°18.1'N, 33°42.4'E.

Area No. 81.—Kol'skiy Zaliv—Northeast of Ostrov Toros—Lies within an area bounded by the circle, with a radius of 0.3 mile, centered on position 69°18.9'N, 33°29.4'E.

Area No. 82.—Southeast of Ostrov Toros—Lies within an area bounded by lines joining:

- a. 69°17.0'N, 33°30.0'E.
- b. 69°17.0'N, 33°28.8'E.
- c. 69°17.6'N, 33°28.8'E.
- d. 69°17.7'N, 33°30.0'E.

Area No. 113.—Entrance to Guba Tyryva—Lies within an area enclosed by lines joining:

- a. 69°12.1'N, 33°33.6'E.
- b. 69°12.1'N, 33°34.6'E.
- c. 69°11.7'N, 33°34.7'E.
- d. 69°11.7'N, 33°33.7'E.

Area No. 85.—Between Ostrov Sal'nyy and Ostrov Shurinov—Lies within an area bounded by lines joining:

- a. 69°06.7'N, 33°27.0'E.
- b. 69°07.3'N, 33°25.0'E.
- c. 69°09.6'N, 33°29.6'E.
- d. 69°09.6'N, 33°33.2'E.
- e. 69°07.9'N, 33°29.8'E.
- f. 69°07.7'N, 33°30.3'E.

Area No. 114.—South of Mys Retinskiy—Lies within an area enclosed by lines joining:

- a. 69°06.9'N, 33°24.0'E.
- b. 69°06.8'N, 33°24.7'E.
- c. 69°06.5'N, 33°24.2'E.
- d. 69°06.6'N, 33°23.5'E.

Area No. 84.—South of Mys Karbas—Lies within an area enclosed by lines joining:

- a. 69°05.0'N, 33°27.0'E.
- b. 69°05.8'N, 33°25.9'E.
- c. 69°06.3'N, 33°25.6'E.
- d. 69°06.4'N, 33°26.5'E.
- e. 69°05.9'N, 33°26.7'E.
- f. 69°05.1'N, 33°26.8'E.

Area No. 86. Southeast of Mys Mishukov—Lies within an area bounded by lines joining points with the following range/bearing combinations from Mishukov Lighthouse (69°02.6'N, 33°02.8'E):

345.0°	74m
079.0°	407m
129.0°	463m
187.0°	296m
227.0°	130m

Area No. 87.—Southeast of Mys Abram—Lies within an area bounded by lines joining points with the following range/bearing combinations from Commercial Port Primary Cargo Area No. 1 Lighted Beacon (68°58.5'N, 33°03.7'E):

201.5°	1,051m
203.25°	960m
196.5°	923m
195.0°	1,015m

Area No. 88.—West entrance to Kildinskiy Proliv—Lies within an area bounded by lines joining:

- 69°18.9'N, 33°53.6'E
- 69°20.5'N, 33°56.4'E
- 69°19.7'N, 34°01.1'E

Area No. 89.—Entering Kaldinskiy Proliv from E—Lies within an area enclosed by lines joining:

- a. 69°16.3'N, 34°26.7'E.
- b. 69°21.2'N, 34°24.7'E.
- c. 69°19.9'N, 34°28.5'E.
- d. 69°20.1'N, 34°28.6'E.

Area No. 178.—Kaldinskiy Proliv—Lies within an area bounded by lines joining:

- a. 69°20.3'N, 34°02.3'E.
- b. 69°20.0'N, 34°01.3'E.
- c. 69°19.7'N, 34°02.1'E.
- d. 69°20.1'N, 34°03.2'E.

Area No. 91. West of Ostrov Malyy Oleniy—Lies within an area bounded by lines joining:

- a. 69°15.8'N, 34°32.7'E.
- b. 69°16.2'N, 34°33.0'E.
- c. 69°16.5'N, 34°41.6'E.
- d. 69°15.8'N, 34°39.2'E.

Area No. 92. Guba Teriberskaya—Lies within an area bounded by lines joining:

- a. 69°10.2'N, 35°08.7'E.
- b. 69°12.2'N, 35°08.7'E.
- c. 69°12.7'N, 35°06.7'E.
- d. 69°15.6'N, 35°06.7'E.
- e. 69°15.6'N, 35°09.0'E.
- f. 69°15.5'N, 35°08.9'E.
- g. 69°14.2'N, 35°09.8'E.
- h. 69°11.2'N, 35°10.3'E. continuing along the coast to
- i. 69°10.8'N, 35°10.3'E.
- j. 69°10.2'N, 35°10.5'E.

Area No. 93.—Entering Guba Voronya—Lies within an area bounded by lines joining:

- a. 69°12.6'N, 35°40.6'E.
- b. 69°13.6'N, 35°40.8'E.
- c. 69°13.3'N, 35°49.2'E.
- d. 69°12.3'N, 35°49.0'E.

Area No. 94.—Entering Guba Yamyshtaya—Lies within an area bounded by lines joining:

- a. 69°07.4'N, 36°03.1'E.
- b. 69°07.4'N, 36°02.7'E.
- c. 69°08.2'N, 36°02.0'E.
- d. 69°08.8'N, 36°00.7'E.
- e. 69°08.6'N, 36°04.0'E.
- f. 69°08.2'N, 36°04.0'E.

Area No. 95.—Proliv Bolshoy Oleniy—Lies within an area bounded by lines joining:

- a. 69°05.1'N, 36°18.6'E.
- b. 69°04.5'N, 36°20.3'E. continuing along the coast to
- c. 69°03.8'N, 36°21.7'E.
- d. 69°03.7'N, 36°21.0'E.
- e. 69°04.3'N, 36°19.4'E.
- f. 69°04.4'N, 36°18.2'E.
- g. 69°04.5'N, 36°18.2'E. continuing along the coast to
- h. 69°05.1'N, 36°18.6'E.

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Area No. 96.—Proliv Bolshoy Oleniy—Lies within an area bounded by lines joining:

- a. 69°03.7'N, 36°22.2'E.
- b. 69°03.4'N, 36°23.2'E.
- c. 69°03.2'N, 36°25.7'E.
- d. 69°03.5'N, 36°25.4'E.

Area No. 97.—South of Mys Karbas—Lies within an area bounded by lines joining:

- a. 68°57.5'N, 36°22.2'E.
- b. 68°58.2'N, 36°48.5'E.
- c. 68°53.6'N, 37°04.6'E.
- d. 68°52.9'N, 37°03.0'E.

Area No. 98. Ostrov Kharlov Lies within an area bounded by lines joining:

- a. 68°47.7'N, 37°18.7'E.
- b. 68°50.0'N, 37°13.3'E.
- c. 68°49.6'N, 37°17.8'E.
- d. 68°48.7'N, 37°17.8'E.
- e. 68°47.9'N, 37°19.7'E.

Area No. 99. Mys Chernyy Lies within an area bounded by lines joining:

- a. 68°23.2'N, 38°35.0'E.
- b. 68°23.1'N, 38°39.9'E.
- c. 68°22.5'N, 38°39.9'E.

Area No. 100.—Guba Savikha—Lies within an area bounded by lines joining:

- a. 68°14.5'N, 39°02.9'E.
- b. 68°15.3'N, 39°05.1'E.
- c. 68°12.9'N, 39°11.0'E.
- d. 68°12.1'N, 39°08.8'E.

Area No. 101.—Svyatotskiy Zaliv—Lies within an area bounded by lines joining:

- a. 68°06.3'N, 39°27.0'E.
- b. 68°06.7'N, 39°30.0'E.
- c. 68°04.8'N, 39°38.5'E.
- d. 68°05.5'N, 39°40.3'E.
- e. 68°05.3'N, 39°42.2'E.
- f. 68°07.5'N, 39°46.1'E.
- g. 68°06.3'N, 39°47.5'E.
- h. 68°03.2'N, 39°41.3'E.

Area No. 182.—Kandalakshskiy Zaliv—Lies within an area bounded by the shore and lines joining:

- a. 66°36.0'N, 34°48.2'E.
- b. 66°29.3'N, 34°41.8'E.
- c. 66°26.2'N, 34°53.0'E.
- d. 66°28.6'N, 34°57.0'E.
- e. 66°35.7'N, 34°52.3'E.

Area No. 133.—Lies within an area bounded by the shore and lines joining:

- a. 66°32.6'N, 34°15.7'E.
- b. 66°35.0'N, 34°20.0'E.
- c. 66°35.0'N, 34°23.7'E.

- d. 66°33.2'N, 34°27.1'E.
- e. 66°30.7'N, 34°22.8'E.

Area No. 132.—Lies within an area bounded by the shore and lines joining:

- a. 66°39.4'N, 34°20.0'E.
- b. 66°39.0'N, 34°18.0'E.
- c. 66°38.0'N, 34°08.0'E.
- d. 66°33.0'N, 33°56.0'E.
- e. 66°30.2'N, 34°00.0'E.
- f. 66°28.5'N, 34°07.2'E.
- g. 66°37.0'N, 34°19.4'E.
- h. 66°39.4'N, 34°21.0'E.

Area No. 167. Dvinskiy Zaliv; Port Arkhangel'sk Lies within an area boundd by lines joining points with the following range/bearing combinations from Chizhovskiy Rear Range Lighted Beacon (64°41.7'N., 40°32.3'E.):

026.0°	722m
020.0°	945m
031.0°	1,130m
040.0°	833m

Area No. 168. Lies within an area bounded by lines joining points with the following range/bearing combinations from Sredne-Krivyakskiy No. 8 Rear Range Lighted Beacon (64°41.4'N., 40°29.1'E.):

013.0°	1,018m
353.0°	1,204m
001.0°	1,389m
017.0°	1,204m

Area No. 169.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Povrakul Skive No. 4 Rear Range Lighted Beacon (64°39.6'N., 40°31.9'E.):

223.5°	648m
240.0°	537m
225.0°	259m
191.5°	518m

Area No. 170.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Birzhevoy Lighted Beacon (64°37.8'N., 40°31.1'E.):

010.0°	648m
003.5°	1,018m
020.0°	1,185m
031.0°	833m

Area No. 171.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Amosovskiy Rear Range Lighted Beacon (64°37.1'N., 40°29.6'E.):

348.0°	685m
343.0°	888m
358.5°	945m
005.0°	778m

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Area No. 172.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Amosovskiye Rear Range Lighted Beacon (64°37.1'N., 40°29.6'E.):

274.75°	296m
274.0°	611m
307.0°	778m
321.5°	574m

Area No. 109.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Khabarevskiye Rear Range Lighted Beacon (64°34.8'N., 40°28.7'E.):

034.5°	407m
092.0°	926m
094.5°	1,148m
123.5°	1,463m
136.5°	963m
151.0°	630m
202.0°	333m

Area No. 110. Lies within an area bounded by lines joining points with the following range/bearing combinations from Khecheminskiye Rear Range Lighted Beacon (64°30.8'N., 40°30.9'E.):

320.0°	1.63 miles
332.0°	1.51 miles
354.5°	1.48 miles
356.5°	1.36 miles
333.0°	1.31 miles
312.0°	1.54 miles
312.5°	1.62 miles

Area No. 174.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Khecheminskiye Rear Range Lighted Beacon (64°30.8'N., 40°30.9'E.):

284.0°	3.38 miles
286.0°	3.80 miles
293.5°	3.53 miles
290.5°	3.18 miles

Area No. 175.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Khecheminskiye Rear Range Lighted Beacon (64°30.8'N., 40°30.9'E.):

069.0°	1.01 miles
053.5°	1.28 miles
069.0°	1.87 miles
089.5°	1.62 miles

Area No. 176.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Obratnyye Tralbazovskiye Podkhodnyye Rear Range Lighted Beacon (64°29.9'N., 40°38.6'E.):

355.0°	796m
341.0°	1,185m
001.0°	1,482m
022.0°	1,408m

Area No. 177.—Lies within an area bounded by lines joining points with the following range/bearing combinations from Obratnyye Tralbazovskiye Podkhodnyye Rear Range Lighted Beacon (64°29.9'N., 40°38.6'E.):

274.5°	1.08 miles
281.0°	1.17 miles
295.0°	1,537m
290.5°	1,278m

Area No. 183. East of Ostrov Zhizhiginskiy Lies within an area bounded by shore and lines joining:

- 65°10.0'N, 37°00.0'E.
- 65°11.5'N, 37°00.0'E.
- 65°13.0'N, 36°53.2'E.
- 65°11.9'N, 36°52.4'E.
- 65°12.0'N, 36°49.9'E. continuing E and N along the coast of Ostrov Zhizhiginskiy to
- 65°12.6'N, 36°49.3'E.
- 65°18.9'N, 36°49.3'E.
- 65°18.9'N, 37°06.1'E.
- 65°15.9'N, 37°06.9'E.
- 65°15.0'N, 37°15.5'E.
- 65°11.0'N, 37°32.7'E.
- 65°07.1'N, 37°23.7'E.
- 65°10.4'N, 37°06.6'E.
- 65°09.7'N, 37°05.9'E.

Area No. 102.—Terskiy Bereg—Lies within an area bounded by the shore and lines joining:

- 67°43.7'N, 40°54.8'E.
- 67°45.5'N, 40°56.8'E.
- 67°44.6'N, 41°00.6'E.
- 67°42.8'N, 40°54.8'E.

Area No. 103.—Terskiy Bereg—Lies within an area bounded by lines joining:

- 67°24.0'N, 41°08.6'E.
- 67°30.0'N, 41°04.8'E.
- 67°30.0'N, 41°07.6'E.
- 67°24.0'N, 41°11.6'E.

Area No. 104.—Terskiy Bereg—Lies within an area bounded by lines joining:

- 67°08.8'N, 41°26.1'E.
- 67°05.3'N, 41°28.0'E.
- 67°04.7'N, 41°26.4'E.
- 67°08.0'N, 41°24.6'E.
- 67°08.0'N, 41°23.8'E.
- 67°08.7'N, 41°23.5'E.

Area No. 105. Terskiy Bereg Lies within an area bounded by lines joining:

- 67°00.6'N, 41°24.2'E.
- 66°55.0'N, 41°25.9'E.
- 66°55.0'N, 41°23.7'E.
- 66°58.0'N, 41°22.7'E.
- 66°58.4'N, 41°20.5'E.

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Area No. 106.—Terskiy Bereg—Lies within an area bounded by the shore and lines joining:

- a. 66°11.3'N, 39°33.0'E.
- b. 66°09.0'N, 39°44.3'E.
- c. 66°08.4'N, 39°41.8'E.
- d. 66°10.8'N, 39°31.5'E.

Area No. 107.—Terskiy Bereg—Lies within an area bounded by lines joining:

- a. 66°10.7'N, 39°28.4'E.
- b. 66°10.7'N, 39°30.5'E.
- c. 66°05.5'N, 39°28.8'E.
- d. 66°05.5'N, 39°26.6'E.

Area No. 108. Ostrov Solovetskiy Lies within an area bounded by lines joining:

- a. 65°01.0'N, 35°29.3'E.
- b. 65°01.8'N, 35°29.2'E.
- c. 65°01.6'N, 35°38.4'E.
- d. 65°01.0'N, 35°38.0'E.

Area No. 111. Onozhskiy Zaliv Lies within an area bounded by lines joining:

- a. 64°35.2'N, 35°53.8'E.
- b. 64°35.2'N, 36°09.5'E.
- c. 64°44.1'N, 36°09.5'E.
- d. 64°44.1'N, 35°43.5'E.
- e. 64°41.3'N, 35°43.5'E.

Area No. 190.—Barents Sea—Northwest entrance to Proliv Kostin Shar—Lies within an area bounded by lines joining:

- a. 71°13.5'N, 52°21.5'E. (shore)
- b. 71°20.0'N, 51°35.0'E.
- c. 71°21.1'N, 51°42.6'E.
- d. 71°27.7'N, 52°27.6'E. (Mys Morozova)
- e. 71°28.1'N, 52°37.0'E.
- f. 71°19.4'N, 52°15.5'E. (Mys Shadrovskiy)

Kara Sea—Reka Yenisey—Northwest of Port Dudinka—Lies within an area bounded by the shore and lines joining:

On the NW:

- a. 69°29.5'N, 85°55.8'E.
- b. 69°30.5'N, 85°58.4'E.

On the SE:

- a. 69°28.6'N, 85°59.1'E.
- b. 69°29.5'N, 86°00.6'E.

Areas for Dumping Explosives—Anchoring, Trawling, and Operations with Explosives are Not Recommended in These Areas.

Area No. 120. North of Ostrov Solovetskiy Lies within an area bounded by lines joining:

- a. 65°45.5'N, 36°00.0'E.
- b. 65°49.0'N, 36°12.0'E.
- c. 65°45.5'N, 36°12.0'E.

Area No. 121. Northeast of Ostrov Solovetskiy Lies within an area bounded by lines joining:

- a. 65°20.0'N, 36°30.0'E.
- b. 65°30.0'N, 36°30.0'E.
- c. 65°30.0'N, 36°50.0'E.
- d. 65°20.0'N, 36°50.0'E.

Area No. 134. Northwest of Ostrov Kolguyev Lies within an area bounded by a circle, with a radius of 7 miles, centered on position 69°34.2'N, 47°56.5'E

Area No. 124.—Kara Sea—Northwest of Ostrov Novaya Zemlya—Lies within an area bounded by a circle, with a radius of 5 miles, centered on position 73°29.0'N, 58°18.0'E

Area No. 123.—Kara Sea—Northeast of Ostrov Novaya Zemlya—Lies within an area bounded by lines joining:

- a. 77°00.0'N, 68°00.0'E.
- b. 78°00.0'N, 68°00.0'E.
- c. 78°00.0'N, 71°00.0'E.
- d. 77°00.0'N, 71°00.0'E.